

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: **Navratil et al.** §  
Serial No.: **Not Assigned** § Group Art Unit: **Not Assigned**  
Filed: **June 23, 2003** § § Examiner: **Not Assigned**  
For: **Method and Apparatus tp Compensate** §  
**For Fundamental Changes and Artifacts** §  
**and Reduce Sensitivity to Pitch** §  
**Information in a Frame-Based Speech** §  
**Processing System** § § Attorney Docket No.: **YOR920030110US1**

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants request that the information listed on the attached Form PTO-1449 be considered by the Office during the pendency of the above entitled application, pursuant to 37 C.F.R. 1.97.

Please charge any fees necessary for prosecution of the present application to Deposit Account No. 50-0510. If any extension of time is required, such extension is hereby requested. Please charge any additional required fee for extension of time to Deposit Account No. 50-0510.

In accordance with 37 C.F.R. 1.97(h), the filing of this Information Disclosure Statement shall not constitute an admission that any information cited therein is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b). In the interest of full and complete disclosure to the Office, some or all of the art cited herein may not be considered by Applicant(s) or the Undersigned to be material under the new standards of materiality defined in 37 C.F.R. 1.56(b), enacted March 16, 1992, but may be material under the old standard of materiality defined in 37 C.F.R. 1.56(a), last amended on November 28, 1988, or may merely be technical background which may be of interest to the

Examiner. In accordance with 37 C.F.R. 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(b) within three months of the filing date of the application, or before the mailing date of a first office action on the merits. No fee is required.

Date: 6/23/03

Respectfully submitted,



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| <b>Form PTO-1449</b>   |  |                  | ATTORNEY DOCKET NO.<br><b>YOR920030110US1</b> | SERIAL NO.<br><b>Not Assigned</b>  |                    |
|--|--|------------------|---|------------------------------------|--------------------|
| <b>LIST OF PRIOR ART CITED<br/>BY APPLICANT</b><br><i>(Use several sheets if necessary)</i>  |  |                  | APPLICANT <b>Navratil et al.</b>              |                                    |                    |
|  |  |                  | FILING DATE <b>June 23, 2003</b>              | GROUP ART UNIT <b>Not Assigned</b> |                    |
| <b>U.S. PATENT DOCUMENTS</b>   |  |                  |   |                                    |                    |
| EXAMINER INITIAL   | DOCUMENT NO.   | PUBLICATION DATE | INVENTOR NAME                                 | CLASS/ SUBCLASS                    | FILING DATE        |
|  |  |                  |   |                                    |                    |
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| <b>FOREIGN PATENT DOCUMENTS</b>  |  |                  |   |                                    |                    |
| EXAMINER INITIAL   | DOCUMENT NO.   | PUBLICATION DATE | COUNTRY                                       | CLASS/ SUBCLASS                    | TRANSLATION YES NO |
|  |  |                  |   |                                    |                    |
|  |  |                  |   |                                    |                    |
|  |  |                  |   |                                    |                    |
| <b>OTHER PRIOR ART</b> ( <i>including author, title, date, pertinent page, etc.</i> )  |  |                  |   |                                    |                    |
| AA   | Spanias, "Speech Coding: A Tutorial Review", Proceedings of the IEEE, Vol. 82, No. 10, October 1994, pp. 1539-1582.                  |                  |   |                                    |                    |
| AB   | Chu et al., "Iterative Deepening Dynamic Time Warping for Time Series", 2nd SIAM Int. Conf. On Data Mining (SDM-02), 2002, pp. 1-18. |                  |   |                                    |                    |
| <b>RELATED PATENT APPLICATIONS</b>   |  |                  |   |                                    |                    |
| EXAMINER INITIAL   | APPLICATION NO./<br>ATTY. DOCKET NO.   | APPLICANT        | TITLE   | FILING DATE                        |                    |
|  |  |                  |   |                                    |                    |
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|  |  |                  |   |                                    |                    |
|  |  |                  |   |                                    |                    |
| <b>DATE CONSIDERED</b>   |  |                  | <b>EXAMINER</b>                               |                                    |                    |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |  |                  |   |                                    |                    |